

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

1. (Currently Amended) A system including a network switching element for allowing a user to initiate a process for performing vehicle functions on a vehicle through a remote mobile communication device, the ~~system~~ network switching element comprising:

a recognition module operative to recognize a request to initiate the process for performing the vehicle functions from the remote mobile communication device;

an authentication module operative to authenticate that the user is valid and determine vehicles upon which the remote mobile communication device may initiate the vehicle functions;

a query module operative to query the user through the remote mobile communication device as to which of the vehicle functions is to be performed; and,

a communication module operative to transmit command signals to the vehicle to perform a selected vehicle function based on results of the query.

2. (Original) The system as set forth in claim 1 wherein the request comprises an activation code.

3. (Original) The system as set forth in claim 1 wherein the authentication module is operative to access mobile identification numbers (MINs) and vehicle identification numbers (VINs) stored in a subscriber database.

4. (Original) The system as set forth in claim 1 wherein the vehicle functions comprise at least one of locking doors on the vehicle, unlocking doors on the vehicle, and starting the vehicle.
5. (Original) The system as set forth in claim 1 further comprising a receiver disposed within the vehicle operative to receive the command signals from the communication module.
6. (Original) The system as set forth in claim 5 further comprising a control module disposed within the vehicle operative to initiate the selected function based on the command signals received by the receiver.
7. (Original) The system as set forth in claim 1 further comprising a transceiver disposed within the vehicle operative to receive the command signals from the communication module and transmit signals back to the communication module.
8. (Original) The system as set forth in claim 7 further comprising a control module disposed within the vehicle operative to initiate the selected function based on the command signals received by the transceiver.
9. (Original) The system as set forth in claim 8 further comprising a second communication module operative to provide information to the transceiver to transmit the signals.

10. (Currently Amended) A method allowing a user to initiate a process for performing vehicle functions on a vehicle through a mobile communication device in communication with a network switching element, the method comprising:

receiving at the network switching element a request to initiate the process for performing the vehicle functions ~~from~~ using the remote mobile communication device;

authenticating that the user is valid;

determining vehicles upon which the remote mobile communication device may initiate the vehicle functions;

querying the user through the remote mobile communication device as to which of the vehicle functions is to be performed; and,

transmitting command signals to the vehicle to perform a selected vehicle function based on results of the query.

11. (Original) The method as set forth in claim 10 wherein the receiving of the request to initiate comprises receiving an activation code.

12. (Original) The method as set forth in claim 10 wherein authenticating that the user is valid comprises accessing a subscriber database.

13. (Original) The method as set forth in claim 10 wherein the determining of vehicles upon which the mobile communication device may initiate the selected vehicle functions comprises accessing mobile identification numbers (MINs) and vehicle identification numbers (VINs) stored in a subscriber database.

14. (Original) The method as set forth in claim 10 wherein the vehicle functions comprise at least one of locking doors on the vehicle, unlocking doors on the vehicle, and starting the vehicle.

15. (Original) The method as set forth in claim 10 further comprising receiving the command signals from the communication module by a receiver disposed within the vehicle.

16. (Original) The method as set forth in claim 15 further comprising initiating the selected function based on the command signals received by the receiver.

17. (Original) The method as set forth in claim 10 further comprising receiving the command signals from the communication module by a transceiver disposed within the vehicle.

18. (Original) The method as set forth in claim 17 further comprising initiating the selected function based on the command signals received by the transceiver.

19. (Original) The method as set forth in claim 17 further comprising transmitting signals back to the communication module.

20. (Currently Amended) A system including a network switching element for allowing a user to initiate a process for performing vehicle functions on a vehicle through a remote mobile communication device, the ~~method~~ network switching element comprising:

means for receiving a request to initiate the process for performing the vehicle functions from the remote mobile communication device;

means for authenticating that the user is valid;

means for determining vehicles upon which the remote mobile communication device may initiate the vehicle functions;

means for querying the user through the remote mobile communication device as to which of the vehicle functions is to be performed; and,

means for transmitting command signals to the vehicle to perform a selected vehicle function based on results of the query.

21. (Original) The system as set forth in claim 20 further comprising means for receiving the command signals from the communication module, receiving means being disposed within the vehicle.

22. (Original) The system as set forth in claim 21 further comprising means for initiating the selected function based on the command signals received by the receiving means.

23. (Original) The system as set forth in claim 20 further comprising means for receiving the command signals from the communication module, the receiving means being disposed within the vehicle.

24. (Original) The system as set forth in claim 23 further comprising means for initiating the selected function based on the command signals received by the receiving means.

25. (Original) The system as set forth in claim 20 further comprising means for transmitting signals back to the communication module, the transmitting means being disposed within the vehicle.